

# Luke Davia

Software Developer

## Portfolio

[lukeify.com](http://lukeify.com)  
[github.com/lukeify](https://github.com/lukeify)

## Expertise

Software architecture

Highly scalable apps

Command line Unix

Graduating with  
BCompSci

## Contact

[lukedavia@icloud.com](mailto:lukedavia@icloud.com)

## Professional Outline

I'm a talented, goal-driven software developer that has the desire to build better products that make a difference. I take pride working as part of a team that creates well-crafted apps with great user experience. The tools I have developed have enabled businesses to plot paths to increased efficiency, while looking great & working seamlessly.

By leveraging my cross-domain skills ranging from graphic design to schema design, I have been able to deliver outcomes with tangible results.

## Experience & Academic Qualifications

### Software Developer (Contractual)

Caduceus Systems Ltd February 2017 – present

Built & architected an internal enterprise management system to meet organisational goals, including unified inventory management, quoting, contracting, & invoicing. This system is written in Angular (JS) & Laravel (PHP), with a GraphQL server for data access, and was developed according to industry best practices for software development.

System considerations included designing user interfaces and flows that increased business efficiency, engineered in a way to easily grow to meet future needs, and be improved by other developers if necessary.

### Software Developer (Contractual)

RevitWorks Ltd; February 2017 – present

Met tight project-based deadlines to develop a Building Information Management (BIM) application, that required frequent client interaction to ascertain needs and prioritise features to fit within the project scope and budget.

During the first development cycle, technical debt was minimized by designing well-considered & documented software that allowed for easy future development. This was leveraged when the client needed to iterate upon the application, expressing surprise at how easily additional changes to the system could be implemented.

Developed in Express.js (Node) & Angular (JS), and concurrently documented existing systems for future reference as needed.

### Junior Front End Web Developer (Employed)

Quantate Ltd; November 2014 – December 2016

Developed and improved multi-tenanted web apps on a Microsoft-centric stack of C# & ASP.NET, which were sold to a variety of business and governmental organisations across the country. Took charge of building front-end user interfaces using a number of frameworks across our sold products; including Angular.js, Angular 2, & Knockout.js.

### Bachelor of Computer Science

Victoria University of Wellington; graduating December 2018

Studying towards a Bachelor of Computer Science at Victoria University of Wellington—managed concurrently with a full time job. Predominantly focused on data structures & algorithms, software correctness, building efficient software, as well as applying machine learning to existing tools to improve outcomes.

# Skillset

## Technology Diversity & Adaptability

Professional experience with multiple MVC frameworks, on the client and server, including .NET Core (C#), Angular 2 (TypeScript), Laravel (PHP), Vapor (Swift). General language use also extends to Python, Rust, & Java.

Tooling knowledge extends to GraphQL, Redis, Websockets, Elasticsearch, and other NoSQL data stores; alongside tried and tested relational databases: MySQL, Postgres, SQL Server.

I possess strong Object-Oriented Programming knowledge, which I've applied to the frontend through frequent use of PHP & TypeScript to build scalable, maintainable single page applications.

## Proficiency in Command Line Unix

Can spin up and configure VPS boxes (DigitalOcean, AWS), manage OS & application state from a terminal, deploy apps from source control, and write effective, secure server configurations.

## Architecture

Can identify & leverage disparate technologies when appropriate to architect performant applications that can adopt high scalability as needed, arriving at the optimisation point between future growth and current technical debt.

## Productivity

Can select the appropriate set of frontend tools to increase developer productivity, and rapidly prototype new solutions as needed. Skilled with Webpack, Gulp, Angular-CLI, Vue-CLI, SASS, & WebComponents.

# Portfolio

View my personal portfolio on my website, [lukeify.com](https://lukeify.com), or on my GitHub profile, [github.com/lukeify](https://github.com/lukeify).

# References

Included in mailed copies as needed.